ABSTRACT

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2   To produce a paused MPEG coded video stream from an original MPEG coded

3   video stream, an I frame is extracted from the original stream, and a Group of Pictures for

4   a "pause" (a pause GOP) is constructed containing the extracted I frame, some "frozen"

5   frames, and padding. Each "frozen" frame is a P frame that repeats the I frame. When a

6   pause is requested in the original stream, a seamless transition is made from the I frame

7   to the pause GOP, and the pause GOP is played in a loop until a resume is requested. To

8   resume, the pause GOP is completed and a seamless transition is made to continue in the

9   original stream from the I frame where the pause had begun.

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